

Purchase Order Receipt Listing

Monday, December 14, 2015 11:09:08 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO30680 All Receipt Dates All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID \ Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd											
PO30680	1		M303R1.000	f	12/11/2015	12/14/2015	12.0000	\$5.92	0.0000	0	\$71.00
CAD	No		303 Round Bar 1.00 f	f	12.0000	DCUSER		\$71.00	0.0000	0	
			m133828								
	3		M6061T6B00750X00 f	f	12/11/2015	12/14/2015	20.0000	\$1.31	0.0000	0	\$26.21
	No		.125		20.0000	DCUSER		\$26.21	0.0000	0	
			6061-T6 Bar .750 x	f							
			.125								
			m133828								
	4		M6061T6B1.500X02 f	f	12/11/2015	12/14/2015	12.0000	\$7.44	0.0000	0	\$89.31
	No		500		12.0000	DCUSER		\$89.31	0.0000	0	
			6061-T6 Bar 1.50 x	f							
			2.50								
			m133828								
	5		M6061T6B2.000X02 f	f	12/11/2015	12/14/2015	12.0000	\$7.86	0.0000	0	\$94.36
	No		000		12.0000	DCUSER		\$94.36	0.0000	0	
			6061-T6 Bar 2.00 x	f							
			2.00								
			m133828								
	6		M6061T6R1.500	f	12/11/2015	12/14/2015	12.0000	\$3.65	0.0000	0	\$43.81
	No		6061-T6 Round Bar	f	12.0000	DCUSER		\$43.81	0.0000	0	
			1.50								
			m133828								
	7		M6061T6S.080	sf	12/11/2015	12/14/2015	96.0000	\$2.85	0.0000	0	\$273.35
	No		6061-T6 .080 Sheet	sf	96.0000	DCUSER		\$273.35	0.0000	0	
			m133828								
	8		71401-45		12/11/2015	12/14/2015	1.0000	\$0.00	0.0000	0	\$0.00
	No		PROCUREMENT		1.0000	DCUSER		\$0.00	0.0000	0	
			QUALITY CLAUSES								
			m133828								

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MIRB Qty/ MIRB Reject Qty	Book Amt
<div> <div>Total Received Quantity:</div> <div>Total Qty to Inspect (PO U/M):</div> <div>Total Reject Quantity:</div> <div>Total Receipt Value:</div> <div>Total Balance Due Quantity:</div> </div>											165.0000 0.0000 0.0000 \$598.04 0.0000

B I L L O F L A D I N G

No: PEC 968230

Ship From:
 THYSSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 09Dec15 at 12:05 From PFW
 Probill
 Via VIM DELIVERY
 FOB CONCORD
 Frt PREPAID
 Route 0- 0 Manifest
 Vhcle Trailer
 Slp STAN IVERS (905-532-1350)
 Sold To: (20115)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7

Ship To: (1)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7
 Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC-875978- 1 Your PO # 30680

STAINLESS STEEL ROUND BAR 303 STAINLESS
 1.00" DIA X 144.0000"

Heat Number 38100 Tag No 483315

Quantity 12 FT PCS 1 Wt LBS 33

2) Our Order PEC-875978- 2 Your PO # 30680

ALUMINUM FLAT BAR 6061-T6511
 .125" x .750" X 240.0000"

Heat Number 414599-2 Tag No 483316

Quantity 20 FT PCS 1 Wt LBS 2

3) Our Order PEC-875978- 3 Your PO # 30680

ALUMINUM FLAT BAR 6061-T6511
 1.50" x 2.50" X 144.0000"

Heat Number Z00635046 Tag No 483317

Quantity 12 FT PCS 1 Wt LBS 53

4) Our Order PEC-875978- 4 Your PO # 30680

ALUMINUM SQUARE BAR 6061-T6511
 2.00" X 144.0000"

Heat Number Z00653078 Tag No 483318

Quantity 12 FT PCS 1 Wt LBS 57

5) Our Order PEC-875978- 5 Your PO # 30680

ALUMINUM ROUND BAR 6061-T6511
 1.50" DIA X 144.0000"

Heat Number Z00262310 Tag No 483320

Quantity 12 FT PCS 1 Wt LBS 25

Page: 1Continued

ALUMINIUM • LAITON • CUIVRE • ALU • ALU INOX
 ALUMINUM • BRASS • COPPER • ALU • ALU INOX

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
 RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

B I L L O F L A D I N G
Ship From: THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

No: PEC 968230
Ship Date 09Dec15 at 12:05 From PFW
Probill
Via VIM DELIVERY
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

Ship To: (1)
DART AEROSPACE

B I L L O F L A D I N G

6) Our Order PEC-875978- 6 Your PO # 30680

ALUMINUM SHEET 6061 T6

.0810 Nom X 48.0000" X 144.0000"

Heat Number Tag No
Z-1506Y6095 483460

Quantity PCS Wt LBS
96.00 SFT 2 108

TOTAL: Tags 6 PCS 7 LBS 278

Heat Number
38100
414599-2
Z-1506Y6095
Z00262310
Z00635046
Z00653078

*** Chemical Analysis ***

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **

** REFERENCED ON IT **

TOTAL 2 BDLS 1 SKID GW 451 LBS

ITEM# 1,3,4,5 - 1 BDL

ITEM# 2 - 1 BDL

ITEM# 6 - 1 SKID

***** CLOSED FOR THE HOLIDAYS *****

Page: 2Continued

ALUMINIUM • LAITON • CUIVRE • PLASTIQUE • ACIER INOX
ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

SHIP FROM:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

SHIP TO: (1)
DART AEROSPACE

NO: PEC 968230
SHIP DATE 09Dec15 at 12:05 From PFW
PROBILL
Via VIM DELIVERY
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

B I L L O F L A D I N G

ON DEC. 25TH & 28TH, 31ST & JAN. 1ST.
WE ARE OPENED FOR BUSINESS ON DEC. 24, 29 & 30.
HAVE A HAPPY HOLIDAY SEASON!
*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***
**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL *
* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

Page: 3 Last

ALUMINIUM • LAITON • CUIVRE • PLASTIQUE • ACIER INOX
ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

STAINLESS STEEL ROUND BAR 303 STAINLESS

1.0" DIA X 144.0000"

PART NO.

PO/Rel 30680

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-968230-001

9Dec15

Signed by: _____ Pg 1/1

VIRAJ PROFILES LIMITED



Regi & Mkt off: G-33 & 34, MIDC, Industrial Area, Tarapur, Thane (Dist), Maharashtra, INDIA - 401506, E-Mail: sales@viraj.com
Works: SURVEY No- 114, 119 & 120, VILL. Mahagaon, Tal: Palgar, Dist: Thane-401501, MAHARASTRA, INDIA, vielqc@viraj.com

TEST CERTIFICATE

CUSTOMER FIDELITY PAC METALS LTD. 1303 North Service Rd East, Unit 1, Oakville ON L6H 1A7 CANADA	ORDER NO P003828-B	PACKING LIST NO 62/993986/4	INSPECTION NO 100005624006	DATE 17.08.2015
			GRADE T-303	HEAT No 38100

BUNDLE NO :
1100389256, 1100388345,

DESCRIPTION

STAINLESS STEEL BRIGHT BARS

COLD DRAWN POLISHED - 2H

DAS
14
9-89

15/12/16

SIZE	SHAPE	TOLERANCE	LENGTH	PIECES	WEIGHT
1"	ROUND	ASTM A484	12' - 14'	130	4,127.000 LB

CHEMICAL ANALYSIS

%C	%Mn	%Si	%S	%P	%Cr	%Ni	%Cu	%Mo	%Co	%N2
0.0460	1.920	0.500	0.3000	0.0330	17.270	8.010	0.550	0.330	0.150	0.02300

TEST RESULTS

0.2% yield strength ksi	Tensile Strength ksi	Elongation %	Reduction Of Area %	Hardness BHN	Grain Size NOS
75.0	100.0	39.0	57.0	202.0	6.0

SPECIFICATION:

MATERIAL CONFIRMS TO DIN 10088-3:2005 COND-A & ASTM A 582/A582M-13 COND A, ASTM A 388-05, ASTM A 484-10, AMS 5640U TYPE I, EXCEPT MARKING, QQS-764BA2 COND A. EXCEPT MARKING, UNS-S-30300, ASTM A314-2008, ASTM A320/A320M-11a B8F CLASS 1, ASME SA 320 B8F CL1 MIL-S-862 B GRADE AISI 303 & WNR 1.4305.
CERTIFIED AS PER EN 10204- 3.1

REMARKS

MATERIAL IS FREE FROM MERCURY CONTAMINATION, FREE FROM WELD OR WELD REPAIRS, MICRO-FREE FROM CONTINUOUS CARBIDE NETWORK ON GRAIN BOUNDARIES. MACRO-GOOD, MINIMUM SOLUTION ANNEALING TEMPERATURE 1050C, SOAKING TIME 1/2 HRS, WATER QUENCHED. MELT SOURCE:AOD. WE CONFIRM THAT THE MATERIAL HAS BEEN TESTED AND FOUND TO BE FREE FROM RADIOACTIVE CONTAMINATION. COUNTRY OF ORIGIN: INDIA.

We hereby certify that the material described above has been tested and complies with the terms of order/contract.

WORKS INSPECTOR
K R K MURTHY

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6S11

.125" x .750" X 240.0000"

PART NO.

PO/Ref 30680

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-968230-002

9Dec15

Signed by: _____ Pg 1/1

CAN ART

ALUMINUM EXTRUSION INC.

Material Test Report

Manifest: 294689

Ship To: ThyssenKrupp Materials NA

2821 Langstaff Road

Concord, ON L4K 5C6

Ticket:

5422925

Our Order: 414599 - 2

Cust P.O.: 267552

Die: ES05485

Part: 05485-000-240

Alloy Temper: 6061 T6S11

Description: .125 x .750

Print Date: 6/16/15

Chemical Composition Range

6061	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	OtherEach	OtherTotal
Min	0.40		0.15		0.8	0.04				
Max	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.15

Mechanical Properties

Strength ksi

Sample ID	Cast #	Lot #	Test Date	Ultimate Tensile	Yield 2% offset	Elongation 2" gage length
406258	28717	A11	6/15/15	43.82	38.62	8.2

Applicable Specifications: ASTMB221-13


AMS-QQ-A200/8

Country of Origin: 85 Parkshore Drive, Brampton, Ontario CANADA L6T 5M1

Can Art Aluminum Extrusion Inc. certifies that materials shipped under this order have been inspected and tested in accordance with Aluminum Association and agreed upon customer specifications. Can Art assumes no liability for additional costs which may be incurred during the customer's manufacture and sale of its products, and is subject only to the replacement of any materials not within agreed upon specifications provided written notification is received by Can Art within 30 days from the date of shipment.

Siddharth Desai - Tensile Testing

Authorized: _____


Evan Eng, Quality Assurance Manager

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511
1.50" x 2.50" X 144.0000"
PART NO.

PO/Ref 30680

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-968230-003

9Dec15

Signed by: _____ Pg 1/1

KAISER
ALUMINUM
FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048

CUSTOMER PO NUMBER: PEC-271017-6		CUSTOMER PART NUMBER: 470/STK		PRODUCT DESCRIPTION: 1.500 X 2.500 SC RECT BAR	
KAISER ORDER NUMBER: 697129	LINE ITEM: 006	SHIP DATE: 11/03/2015	KAISER LOT NUMBER: Z00635046	ALLOY: 6061	TEMPER: T6511
WEIGHT SHIPPED 1058.000 LB	QUANTITY: 20.000 PCS	B/L NUMBER: 613746	DIAM/DAFT/THKNS: 	WIDTH: 	LENGTH: 12.000 FT
SHIP TO: THYSSENKRUPP CANADA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA			SOLD TO: THYSSENKRUPP CANADA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA		

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
Z00635046	C001	0001	45.0	40.1	13.8	RE 93	N/A	N/A
Z00635046	C001	0002	44.2	39.5	17.0	RE 93	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
105527	.62	.24	.21	.07	.86	.06	.03	.02	.00	.00	.00	.01	.03

Applicable Requirements:

ASTM-B221-14 STENCILED ASME-SP221 1998 SECT II AMS-QQ-A-200/8A UNS#A96061 (T6511 also conforms to T6-not applicable to other tempers)

Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA

MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY OF ITS COMPOUNDS ARE UTILITZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Aimee L. Macnowski, Quality & Technology Manager

Aimee L. Macnowski

Plant Serial: 00201404

Kaiser Order Number: 697129

Line Item: C06

Page 1 of 1

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM SQUARE BAR 6061-T6511
2.00" X 144.0000"
PART NO.

PO/Ref 30680

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-968230-004

9Dec15

Signed by: _____ Pg 1/1

KAISER
ALUMINUM
FABRICATED PRODUCTS

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

CUSTOMER PO NUMBER: PEC-271156-4		CUSTOMER PART NUMBER: B17/STK		PRODUCT DESCRIPTION: 2.000 SC SQ BAR	
KAISER ORDER NUMBER: 697513	LINE ITEM: 004	SHIP DATE: 11/10/2015	KAISER LOT NUMBER: Z00653078	ALLOY: 6061	TEMPER: T6511
WEIGHT SHIPPED: 2032.000 LB	QUANTITY: 36.000 PCS	B/L NUMBER: 613823	DIAM/DAP/THKNS: 	WIDTH: 	LENGTH: 12.000 FT
SHIP TO: THYSSENKRUPP CANADA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA			SOLD TO: THYSSENKRUPP CANADA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA		

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
Z00653078	0001	0001	52.2	49.0	12.8	RE 94	N/A	N/A
Z00653078	0001	0002	52.5	49.3	16.9	RE 93	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
105481	.73	.28	.28	.09	.96	.09	.34	.02	.00	.00	.00	.01	.03

Applicable Requirements:

ASTM-B221-14 STENCILED ASME-SB221 1998 SECT II AMS-QQ-A-200/8A UNS#A96061 (T6511 also conforms to T6-not applicable to other tempers)

Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA

MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY OF ITS COMPOUNDS ARE UTILIZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgment form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Aimee L. Macnowski, Quality & Technology Manager

Aimee L. Macnowski

Plant Serial: 00202601

Kaiser Order Number: 697513

Line Item: C04

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM ROUND BAR 6061-T6511
1.50" DIA X 144.0000"
PART NO.

PO/Rel 30680

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-968230-005

9Dec15

Signed by: _____ Pg 1/2

KAISER
ALUMINUM
FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048

CUSTOMER PO NUMBER: PEC-271540-7		CUSTOMER PART NUMBER: R74/STK		PRODUCT DESCRIPTION: KAISERSELECT PRECISION ROD 1.500+/- .005	
KAISER ORDER NUMBER: 698678	LINE ITEM: 007	SHIP DATE: 12/01/2015	KAISER LOT NUMBER: Z00262310	ALLOY: 6061	TEMPER: T6511B
WEIGHT SHIPPED: 524.000 LB	QUANTITY: 21.000 PCS	B/L NUMBER: 614049	DIAMETER/THKNS: 1.500	WIDTH: 1.500	LENGTH: 12.000 FT
SHIP TO: THYSSENKRUPP CANADA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA			SOLD TO: THYSSENKRUPP CANADA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA		

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
Z00262310	0001	0001	52.7	49.8	16.6	RE 94	N/A	N/A
Z00262310	0001	0002	52.9	50.0	16.9	RE 90	N/A	N/A
Z00262310	0001	0003	49.5	46.2	18.2	RE 93	N/A	N/A
Z00262310	0001	0004	52.7	49.8	16.7	RE 94	N/A	N/A
Z00262310	0001	0005	49.4	46.1	17.6	RE 92	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
105590	.75	.28	.28	.09	.94	.10	.04	.02	.00	.00	.00	.01	.03

Applicable Requirements:

PER ASTM-B221-14, STENCILED ASME-SB221 1998 SECT II PER AMS-QQ-A-200/8A UNS# A96061
MEETS ALL SPECIFICATION REQUIREMENTS FOR 6061-T6511/T6 ELEVATED MINIMUM MECHANICAL
PROPERTIES AS FOLLOWS: UTS = 42.0 KSI MIN YIELD = 38.0 KSI MIN ELONGATION = 10.0% MIN

Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA
MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY
OF ITS COMPOUNDS ARE UTILIZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

Plant Serial: 00205728
Kaiser Order Number: 698678
Line Item: 007

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM ROUND BAR 6061-T6511

1.50" DIA X 144.0000"

PART NO.

PO/Rel 30680

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-968230-005

9Dec15

Signed by: _____ Pg 2/2

KAISER
ALUMINUM
FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Aimee L. Macnowski, Quality & Technology Manager

Aimee L. Macnowski

Plant Serial: 00205728

Kaiser Order Number: 698678

Line Item: 007

Page 2 of 2

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM SHEET 6061 T6
0.0830 Nom X 48.0000" X 144.0000"
PART NO.

PO/Rel 30680

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-968230-006

9Dec15

Signed by: Pg 1/2

MILL TEST REPORT

TA CHEN INTERNATIONAL, INC.

This MTR contains 2 pages (Page# 1)

Customer: COPCON PO#: PEC-270234 SO#: LK8K80

MTR#: HECL1769-1.GIF

Item: 080481446061T6 Bundle: Z-1506Y6095-2 Heat#: Z 1506Y6095

HENAN MINGTAI AL. INDUSTRIAL CO., LTD
HUIGUO ZHEN, GONGYI, HENAN, CHINA 451283
TEL: 371-67898611 FAX: 371-67898612

MILL TEST CERTIFICATE

HECL1769-1

TO

TA CHEN INTERNATIONAL INC.

5655 OBISPO AVENUE
LONG BEACH, CA 90805

TEL: (562)808-8199

FAX: (562)808-8110

TZCH150704

L52047-S/L52388-S/L52395-S/L52409-S/

L52414-S/L52420-S/N07763-VN08112-I

TIANJIN, CHINA

CHICAGO, USA

N/M

10-Jul-15

BEFT53500614720

DAS

14

9-89

15/12/16

INVOICE NO.:

PO NO:

LOADING PORT:

DESTINATION:

SHIPPING MARKS:

DATE:

ISF NO.:

DESCRIPTION OF GOODS:

ALUMINUM COIL 1100 O

CERTIFIED TO ASTM B209-10, AMS-QQA250/1, AMS 4003 SPECS.

ALUMINUM COIL 3003 H14

CERTIFIED TO ALL AA, ASTM B209 - 10, AMS/QQA 250/2, AMS 4008K SPECS.

ALUMINUM SHEET 5052/H32

CERTIFIED TO ALL AA, ASTM B209 - 10, AMS/QQA 250/8, AMS 4016M SPECS.

ALUMINUM TREAD COIL AND PLATE 3003 H22/H24

CERTIFIED TO MINOTAL TREAD BRIGHT SPECS.

ALUMINUM SHEET 6061 T6

CERTIFIED TO ASTM B209-10, ASME SB-209, AMS 4027M, AMS-QQ-A-250/11 SPECS.

CIF CHICAGO, USA

CHEMICAL COMPOSITION

Heat No.	Alloy/T mp	Si	Fe	Cu	Mn	Mg	Zn	Ti	Cr	Others	Al
Z-1506Y1178	1100 O	0.064	0.471	0.052	0.043	0.008	0.008	0.029	0.007	0.15	REMAINDER
Z-1506Y1179	1100 O	0.006	0.458	0.051	0.008	0.008	0.004	0.025	<0.001	0.15	REMAINDER
B-15061381	3003 H14	0.095	0.559	0.112	1.108	0.002	0.007	0.030	0.007	0.15	REMAINDER
B-15061382	3003 H14	0.098	0.587	0.113	1.146	0.014	0.007	0.035	0.008	0.15	REMAINDER
B-15061385	3003 H14	0.083	0.573	0.110	1.112	0.007	0.005	0.032	0.007	0.15	REMAINDER
B-15061386	3003 H14	0.117	0.558	0.109	1.127	0.018	0.010	0.038	0.007	0.15	REMAINDER
B-15061388	3003 H14	0.105	0.560	0.113	1.106	0.037	0.010	0.033	0.014	0.15	REMAINDER
Z-1506Y3239	3003 H14	0.092	0.558	0.110	1.105	0.005	0.010	0.034	0.008	0.15	REMAINDER
Z-1506Y3276	3003 H14	0.095	0.564	0.117	1.147	0.008	0.008	0.036	0.009	0.15	REMAINDER
Z-1506Y8007	3003 H22/H24	0.139	0.564	0.105	1.118	0.020	0.003	0.036	0.013	0.15	REMAINDER
Z-1506Y8082	3003 H22/H24	0.078	0.554	0.138	1.119	0.018	0.008	0.030	0.007	0.15	REMAINDER
Z-1506Y8096	3003 H22/H24	0.098	0.522	0.063	1.043	0.005	0.001	0.029	0.007	0.15	REMAINDER
Z-1506Y8171	3003 H22/H24	0.104	0.551	0.084	1.022	0.010	0.001	0.032	0.009	0.15	REMAINDER
Z-1506Y8207	3003 H22/H24	0.095	0.588	0.099	1.066	0.009	0.001	0.030	0.009	0.15	REMAINDER
Z-1506Y8210	3003 H22/H24	0.095	0.608	0.064	1.032	0.018	0.001	0.028	0.009	0.15	REMAINDER
Z-1506Y8219	3003 H22/H24	0.058	0.340	0.143	0.917	0.004	0.016	0.027	0.007	0.15	REMAINDER
ZB-1506Y8107	3003 H22/H24	0.111	0.502	0.111	1.174	0.010	0.007	0.035	0.000	0.15	REMAINDER
ZB-1506Y8110	3003 H22/H24	0.068	0.585	0.125	1.180	0.018	0.007	0.037	0.010	0.15	REMAINDER
Z-1506Y8006	6061 T6	0.024	0.346	0.262	0.025	1.056	0.005	0.025	0.187	0.15	REMAINDER

MECHANICAL PROPERTY

Heat No.	Alloy/T mp	Specs(In)	Tensile strength		Yield strength		Elongation
			Mpa	Ksi	Mpa	Ksi	%
Z-1506Y1178	1100 O	023*41.25°C	100	15	53	8	38

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM SHEET 6061 T6

.0010 Nom X 48.0000" X 144.0000"

PART NO.

PO/Rel 30680

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-968230-006

9Dec15

Signed by: _____ Pg 2/2

MILL TEST REPORT

TA CHEN INTERNATIONAL, INC.

This MTR contains 2 pages (Page# 2)

Customer: COPCON PO#:PEC-270234 SO#:LKBK80

MTR#:HECL1769-2.GIF

Item:..08048144G061T6 Bundle(Z-1506Y6095)2 Heat#:Z-1506Y6095

HECL1769-2

Z-1506Y1170	1100 0	.023*41.25°C	10.1	15	60	9	28
B-15061301	3003 H14	.040*80°C	157	23	147	21	11
B-15061302	3003 H14	.063*80°C	102	23	158	21	14
B-15061305	3003 H14	.100*80°C	162	23	150	22	12
B-15061306	3003 H14	.100*60°C	171	26	158	23	14
B-15061308	3003 H14	.125*80°C	159	23	140	20	10
Z-1506Y3239	3003 H14	.180*48°C	141	20	128	18	18
Z-1506Y3270	3003 H14	.100*48°C	141	20	125	18	18
Z-1506YB007	3003 H22/H24	.125*48*120	121	18	104	15	18
Z-1506YB052	3003 H22/H24	.125*40*120	125	18	103	15	20
Z-1506YB069	3003 H22/H24	.063*48*96	133	19	100	15	10
Z-1506YB171	3003 H22/H24	.100*80*120	134	19	121	18	16
Z-1506YB207	3003 H22/H24	.063*48°C	125	18	92	13	14
Z-1506YD210	3003 H22/H24	.063*48*120	125	18	90	13	14
Z-1506YD210	3003 H22/H24	.063*48*96	127	18	93	13	12
ZB-1506YB107	3003 H22/H24	.125*48*120	132	18	92	13	20
ZB-1506YB110	3003 H22/H24	.125*48*96	133	19	85	14	20
Z-1506YB085	3001 T6	.080*48*144	311	45	299	43	10

PRODUCER: HENAN MINGTAI AL. INDUSTRIAL CO., LTD
COUNTRY OF MELT AND MANUFACTURE: CHINA

HENAN MINGTAI AL. INDUSTRIAL CO., LTD
河南明泰铝业股份有限公司

2016

DAS

14

9-89

15/12/16

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M303
DATE: 15/12/16

PO / BATCH NO 30680/133828

MATERIAL CERT REC'D: yes
QUANTITY RECEIVED: 12'
QUANTITY INSPECTED: 12'
QUANTITY REJECTED: _____

THICKNESS ORDERED: R 1.000
THICKNESS RECEIVED: R 1.000
SHEET SIZE ORDERED: _____
SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
CORROSION	Y <input type="radio"/> N <input checked="" type="radio"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
PHOTO REQUIRED	Y <input type="radio"/> N <input checked="" type="radio"/>	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="radio"/> N <input checked="" type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="radio"/> N <input checked="" type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>DAS</u>	SIGNED OFF BY: _____		
DATE: <u>15/12/16</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6
DATE: 15/12/16

PO / BATCH NO 30680/133828

MATERIAL CERT REC'D yes
QUANTITY RECEIVED 96 sA
QUANTITY INSPECTED 96 sA
QUANTITY REJECTED _____

THICKNESS ORDERED .080"
THICKNESS RECEIVED .078"
SHEET SIZE ORDERED 4'X12'
SHEET SIZE RECEIVED 4X12'

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORROSION	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N <input type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N <input type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>DAS</u>	SIGNED OFF BY: _____		
DATE: <u>15/12/16</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6
DATE: 15/12/16

PO / BATCH NO: 30680/133828

MATERIAL CERT REC'D: yes
QUANTITY RECEIVED: 20'
QUANTITY INSPECTED: 20'
QUANTITY REJECTED: _____

THICKNESS ORDERED: .750 X .125
THICKNESS RECEIVED: .748 X .122
SHEET SIZE ORDERED: _____
SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	N	
CORROSION	Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y	N	
PHOTO REQUIRED	Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>DAS</u>	SIGNED OFF BY: _____		
DATE: <u>15/12/16</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6
 DATE: 15/12/16

PO / BATCH NO: 30680/133828

MATERIAL CERT REC'D yes
 QUANTITY RECEIVED 12'
 QUANTITY INSPECTED 12'
 QUANTITY REJECTED _____

THICKNESS ORDERED 1.50X2.50
 THICKNESS RECEIVED 1.50X2.50
 SHEET SIZE ORDERED _____
 SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORROSION	Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
PHOTO REQUIRED	Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK RECORD RESULTS BELOW				
	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> <u>14</u> DATE: <u>15/12/16</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M606IT6
DATE: 15/12/16

PO / BATCH NO: 30680/133828

MATERIAL CERT REC'D: yes
QUANTITY RECEIVED: 12'
QUANTITY INSPECTED: 12'
QUANTITY REJECTED: _____

THICKNESS ORDERED: 2.00X2.00
THICKNESS RECEIVED: 2.00X2.00
SHEET SIZE ORDERED: _____
SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORROSION	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N <input type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N <input type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>DAS</u>	SIGNED OFF BY: _____		
DATE: <u>15/12/16</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M606/TL
 DATE: 15/12/16

PO / BATCH NO: 30680/133828

MATERIAL CERT REC'D yes
 QUANTITY RECEIVED 12'
 QUANTITY INSPECTED 12'
 QUANTITY REJECTED _____

THICKNESS ORDERED R1.50
 THICKNESS RECEIVED R1.50
 SHEET SIZE ORDERED _____
 SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	N	
CORROSION	Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y	N	
PHOTO REQUIRED	Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK RECORD RESULTS BELOW				
	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>DAS</u> <u>14</u> DATE: <u>15/12/16</u>	SIGNED OFF BY: _____ DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO30680**

Purchase Order Date 12/7/2015

PO Print Date 12/9/2015

Page Number 1 of 4

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

REVISED

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	905 669 9444	Customer POID	
		Customer Tax #	10127-2607
Ship To Contact		Terms	Net 30
Ship To Phone		Currency	CAD
Ship Via:	VENDOR'S TRUCK	FOB	FCA - (Free Carrier)
Ship Acct:			

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M303R1.000 ✓ MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE: AISI 304/316 NOT ACCEPTABLE	303 Round Bar 1.00	12/11/2015 Yes 12/11/2015		12.00 ✓ f	\$7.90	\$94.80
Line Total:							\$94.80
2	M304B0.625X3.000	304 BAR .625 X 3.00	12/16/2015 Yes 12/16/2015		10.00 f	\$23.50	\$235.00
Line Total:							\$235.00

PO Instructions: pec st-873969

Note:

12/9/2015



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO30680

Purchase Order Date 12/7/2015

PO Print Date 12/9/2015

Page Number 2 of 4

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA - (Free Carrier)

3	M6061T6B00750X00.125	6061-T6 Bar .750 x .125	12/11/2015	20.00	\$1.75	\$35.00
			Yes	f		
			12/11/2015			

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Line Total: \$35.00

4	M6061T6B1.500X02.500	6061-T6 Bar 1.50 x 2.50	12/11/2015	12.00	\$9.94	\$119.25
			Yes	f		
			12/11/2015			

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Line Total: \$119.25

5	M6061T6B2.000X02.000	6061-T6 Bar 2.00 x 2.00	12/11/2015	12.00	\$10.50	\$126.00
			Yes	f		
			12/11/2015			

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

PO Instructions: pec st-873969

Note:

12/9/2015

88 15-12-14



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO30680

Purchase Order Date 12/7/2015

PO Print Date 12/9/2015

Page Number 3 of 4

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 905 669 9444

Ship To Contact
Ship To Phone
Ship Via: VENDOR'S TRUCK
Ship Acct:

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA - (Free Carrier)

Line Total: \$126.00

6 M6061T6R1.500 6061-T6 Round Bar 1.50 12/11/2015
Yes
12/11/2015

12.00 f \$4.88 \$58.50

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Line Total: \$58.50

7 M6061T6S.080 6061-T6 .080 Sheet 12/11/2015
Yes
12/11/2015

96.00 sf \$3.80 \$365.00

MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER
QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
OR ASTM B209

Line Total: \$365.00

PO Instructions: pec st-873969

Note:

12/9/2015



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO30680**

Purchase Order Date 12/7/2015

PO Print Date 12/9/2015

Page Number 4 of 4

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

8	71401-45	PROCUREMENT QUALITY CLAUSES	12/11/2015	1.00	✓	\$0.00	\$0.00
---	----------	--------------------------------	------------	------	---	--------	--------

No

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

12/11/2015

SPS-10-10

Line Total: \$0.00

PO Total: \$1,033.55

PO Instructions: pec st-873969

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 3

Change Date: 12/9/2015